

FIG. 1.

HONDA et al.  
 DRIVING METHOD OF PLASMA DISPLAY  
 PANEL  
 Filed : June 19, 2001  
 Darryl Mexic  
 2 of 15

Q64

202-293-7060

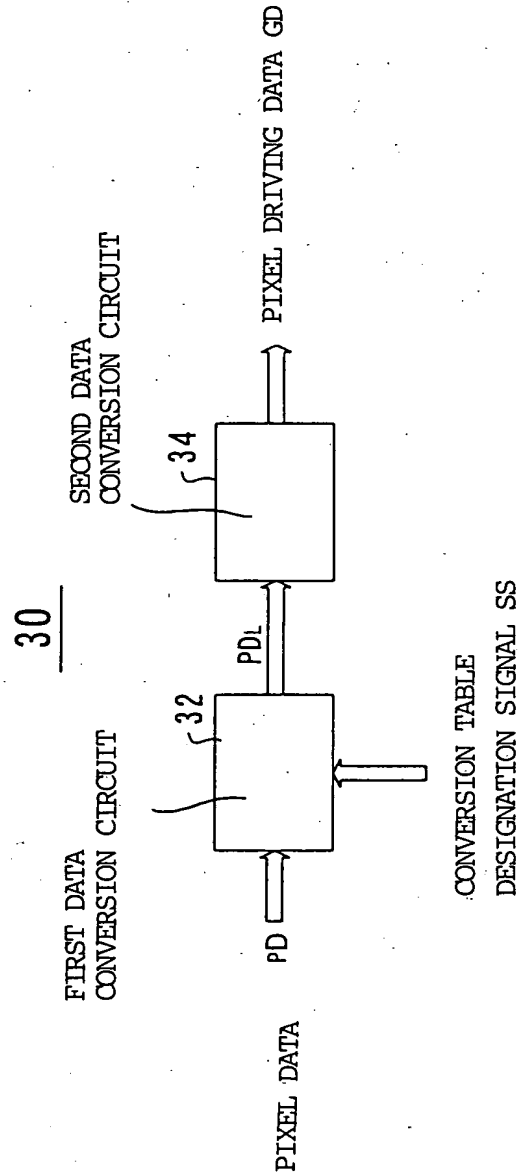


FIG. 2

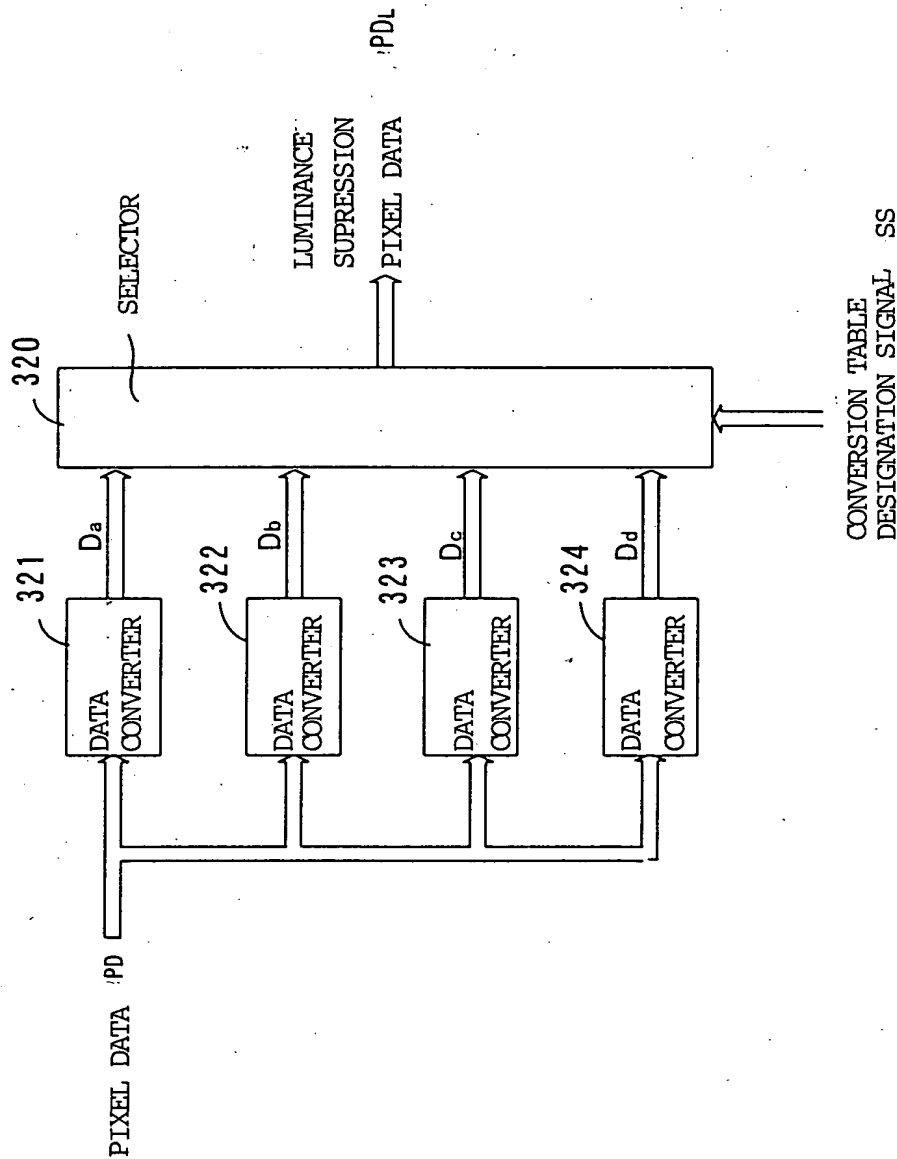


FIG. 3

HONDA  
DRIVING METHOD OF PLASMA DISPLAY  
PANEL  
Filed : June 19, 2001  
Darryl Mexic  
4 of 15

4/15  
Q64974

202-293-7060

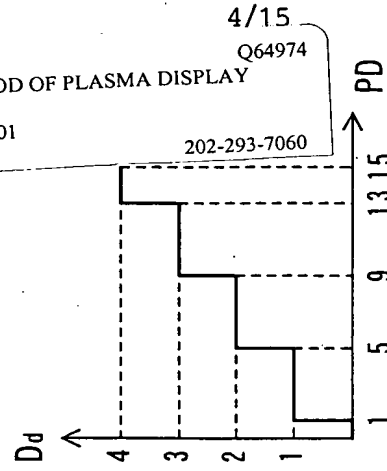
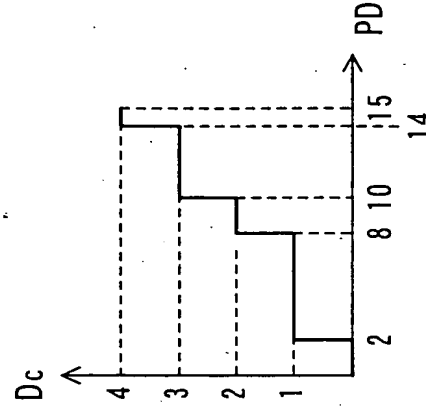
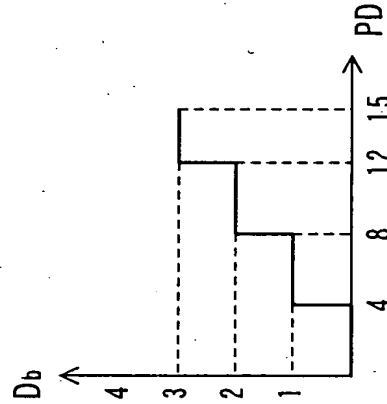
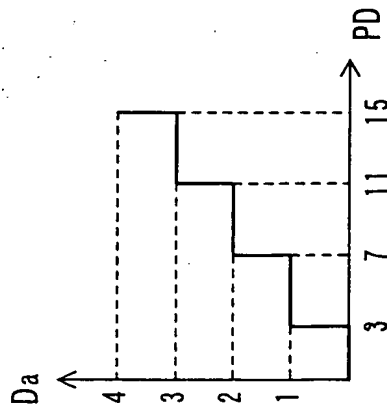


FIG. 4A

FIG. 4B

FIG. 4C

FIG. 4D

HONDA et al.  
 DRIVING METHOD OF PLASMA DISPLAY  
 PANEL  
 Filed : June 19, 2001  
 Darryl Mexic  
 5 of 15

Q64974

202-293-7060

CONVERSION TABLE OF  
 SECOND DATA CONVERSION  
 CIRCUIT 34

GRADATION	[SELECTIVE ERASE]				LIGHT EMISSION DRIVING PATTERN				LUMINANCE			
	GD				SF				A B C D			
	1	2	3	4	1	2	3	4	A	B	C	D
1	000	1	1	1	1	1	1	1	0	0	0	0
2	001	0	1	1	1	1	1	1	20	28	12	4
3	010	0	0	1	1	1	1	1	72	88	56	40
4	011	0	0	0	1	1	1	1	156	180	132	108
5	100	0	0	0	0	0	0	0	272	240	208	208

BLACK CIRCLE: SELECTIVE ERASE DISCHARGE (LIGHT, NON-EMISSION)

WHITE CIRCLE: SUSTAIN DISCHARGE (LIGHT EMISSION)

FIG. 5

HONDA et al.  
 DRIVING METHOD OF PLASMA DISPLAY  
 PANEL  
 Filed : June 19, 2001  
 Darryl Mexic  
 6 of 15

Q64974

202-293-7060

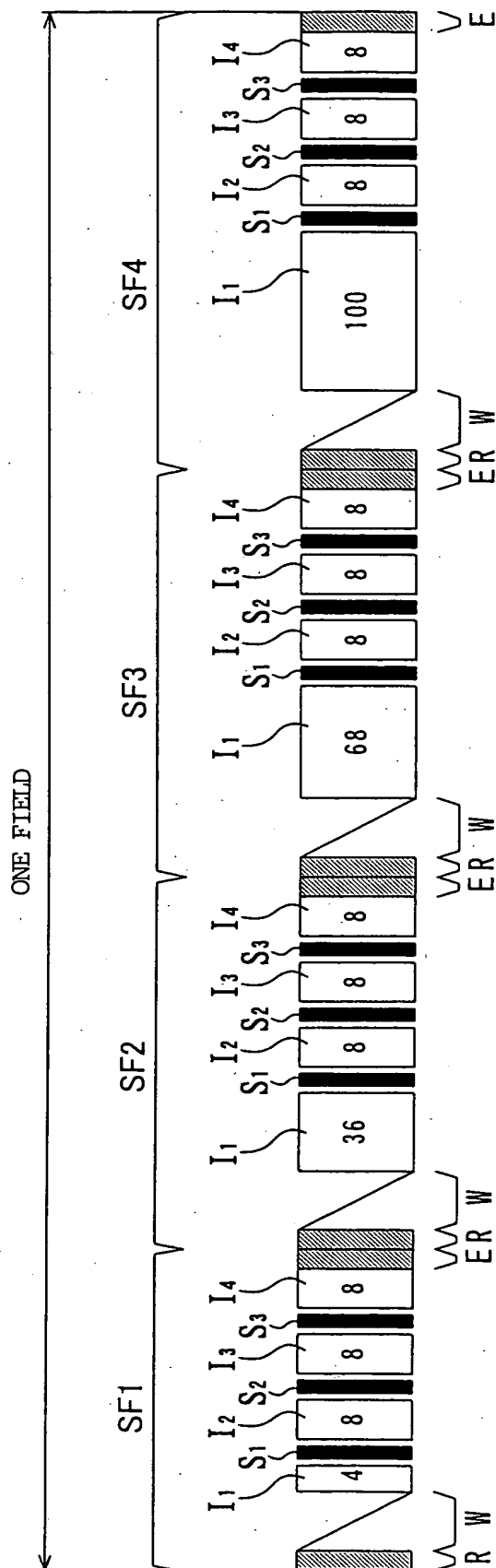


FIG. 6

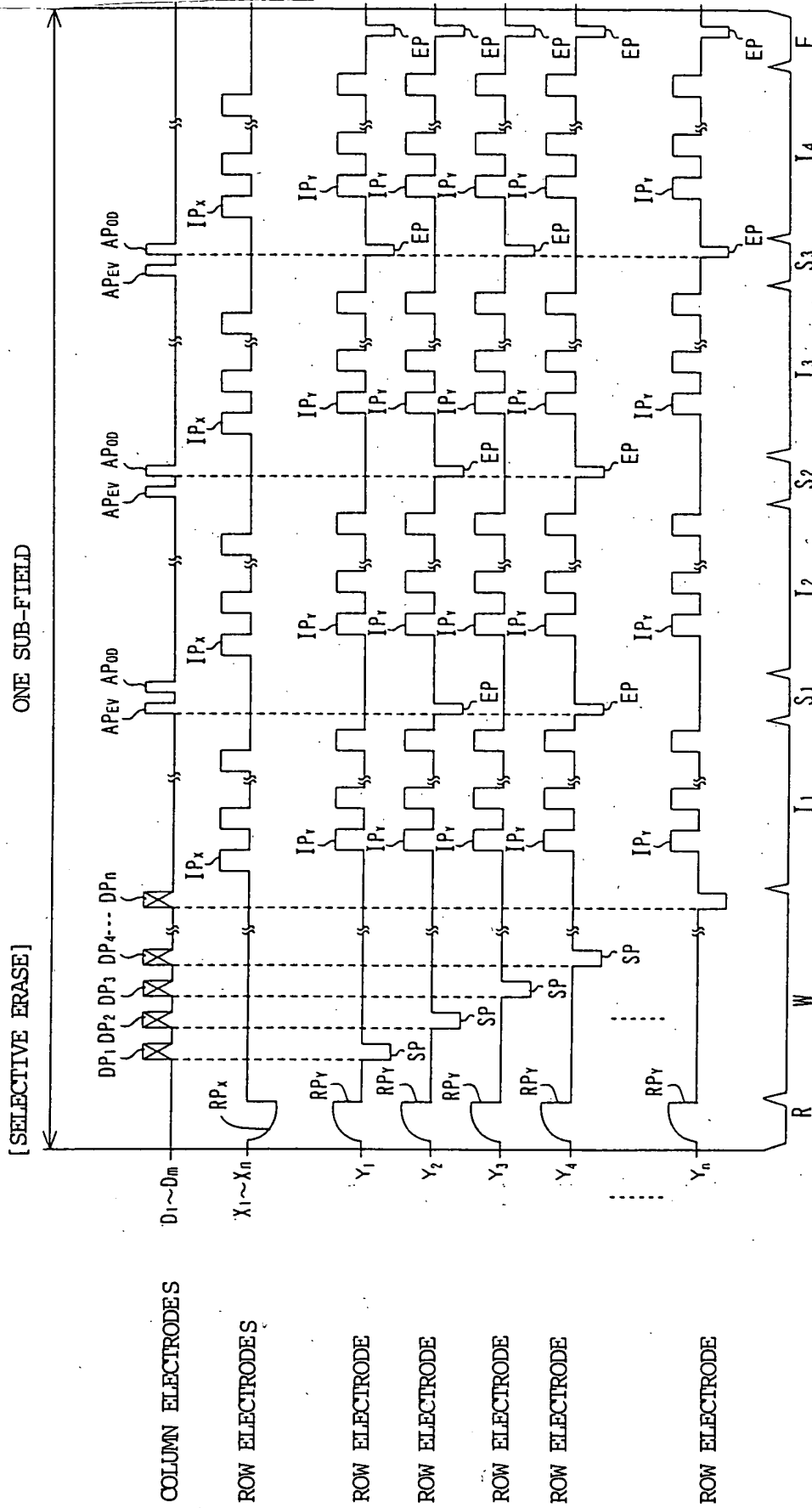
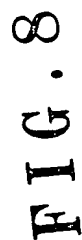


FIG. 7





HONDA et al.  
 DRIVING METHOD OF PLASMA DISPLAY  
 PANEL  
 Filed : June 19, 2001  
 Darryl Mexic  
 9 of 15

Q649/4

202-293-7060

	1	2	3	4	....(COLUMN)
1	A	B	A	B	
2	C	D	C	D	
3	A	B	A	B	
4	C	D	C	D	
...					
(\ROW)					

FIG. 9

HONDA et al.  
 DRIVING METHOD OF PLASMA DISPLAY  
 PANEL  
 Filed : June 19, 2001  
 Darryl Mexic  
 10 of 15

Q64974

202-293-7060

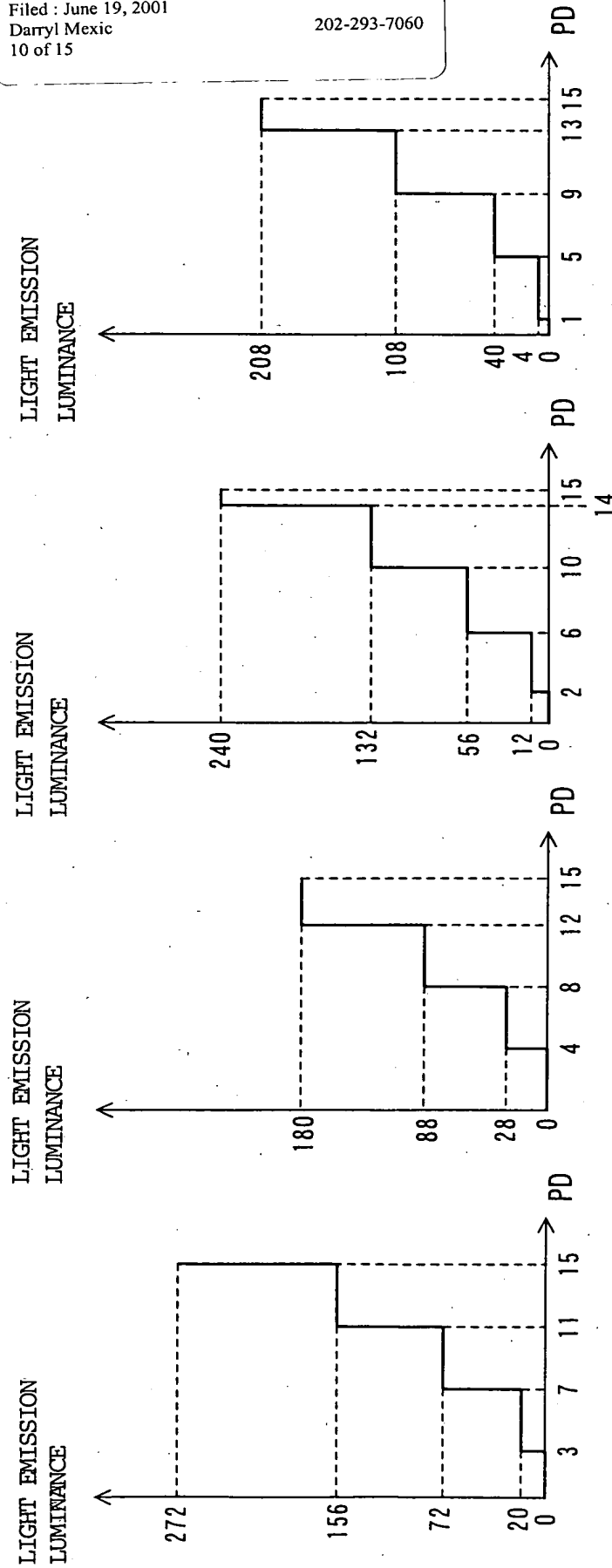


FIG. 10A FIG. 10B FIG. 10C FIG. 10D

FOOT 50" 844E8860

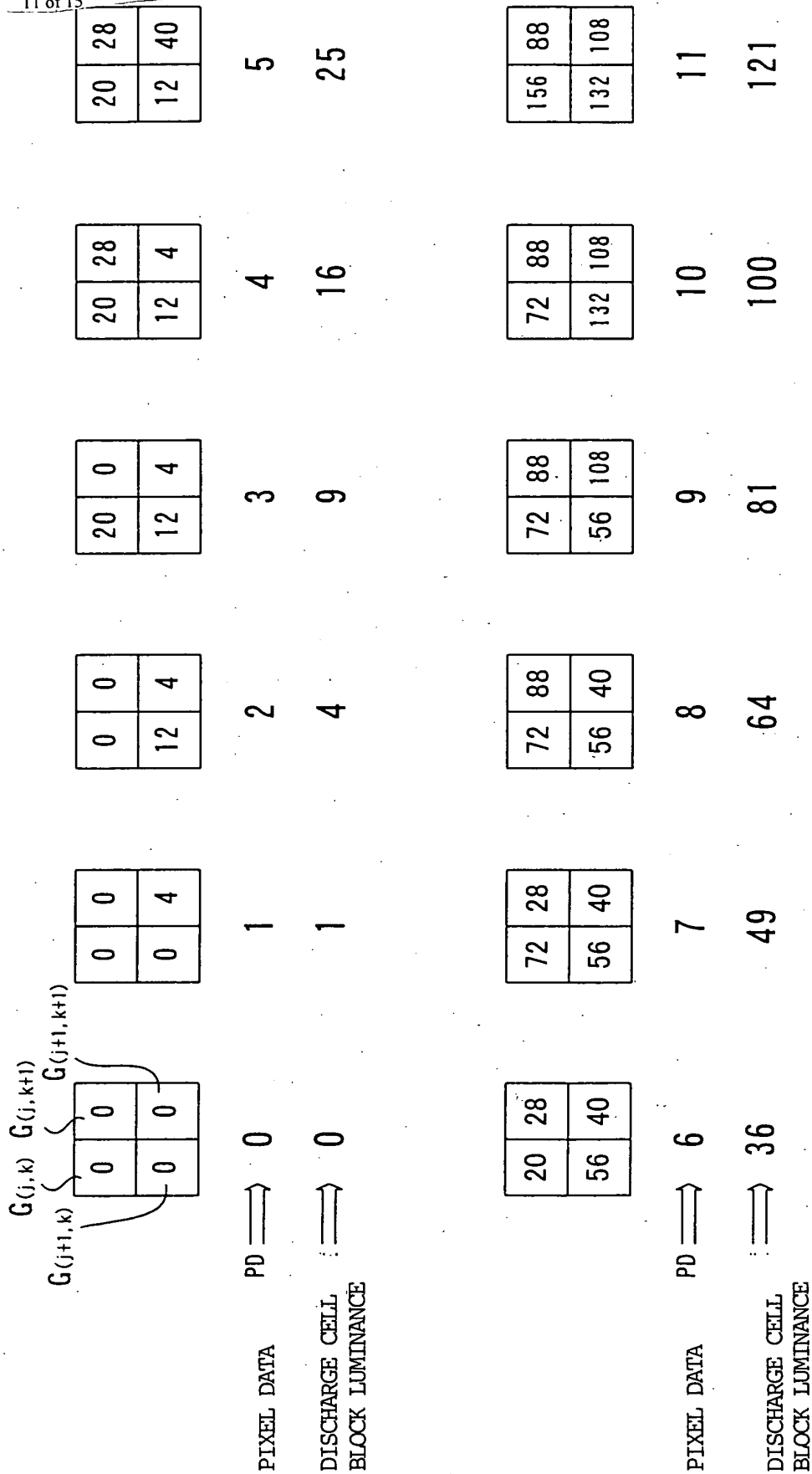


FIG. 11

HONDA et al.  
DRIVING METHOD OF PLASMA DISPLAY  
PANEL  
Filed : June 19, 2001  
Darryl Mexic  
12 of 15

202-293-7060

LIGHT EMISSION  
LUMINANCE

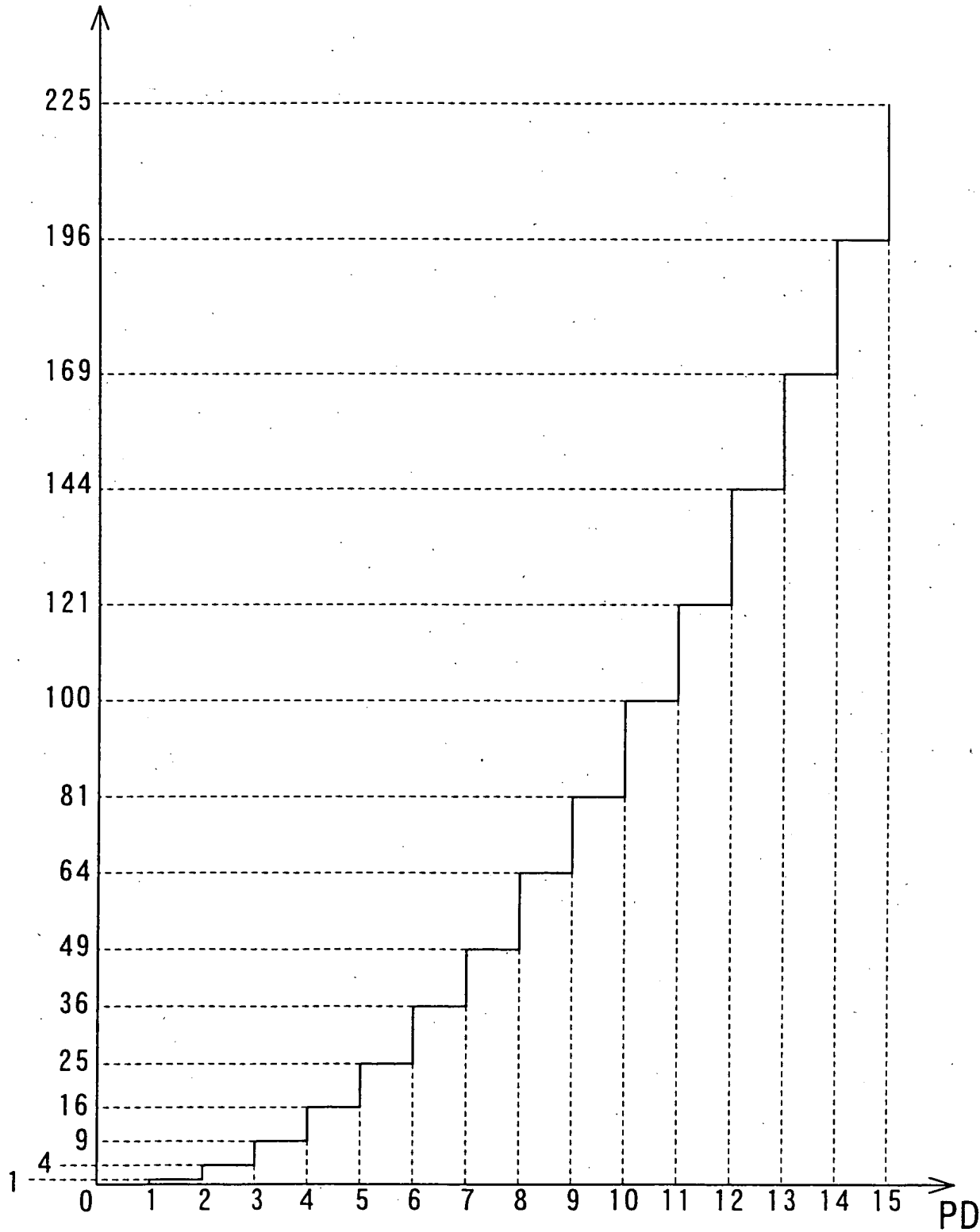


FIG. 12

HONDA et al.  
DRIVING METHOD OF PLASMA DISPLAY  
PANEL  
Filed : June 19, 2001  
Darryl Mexic  
13 of 15

202-293-7060

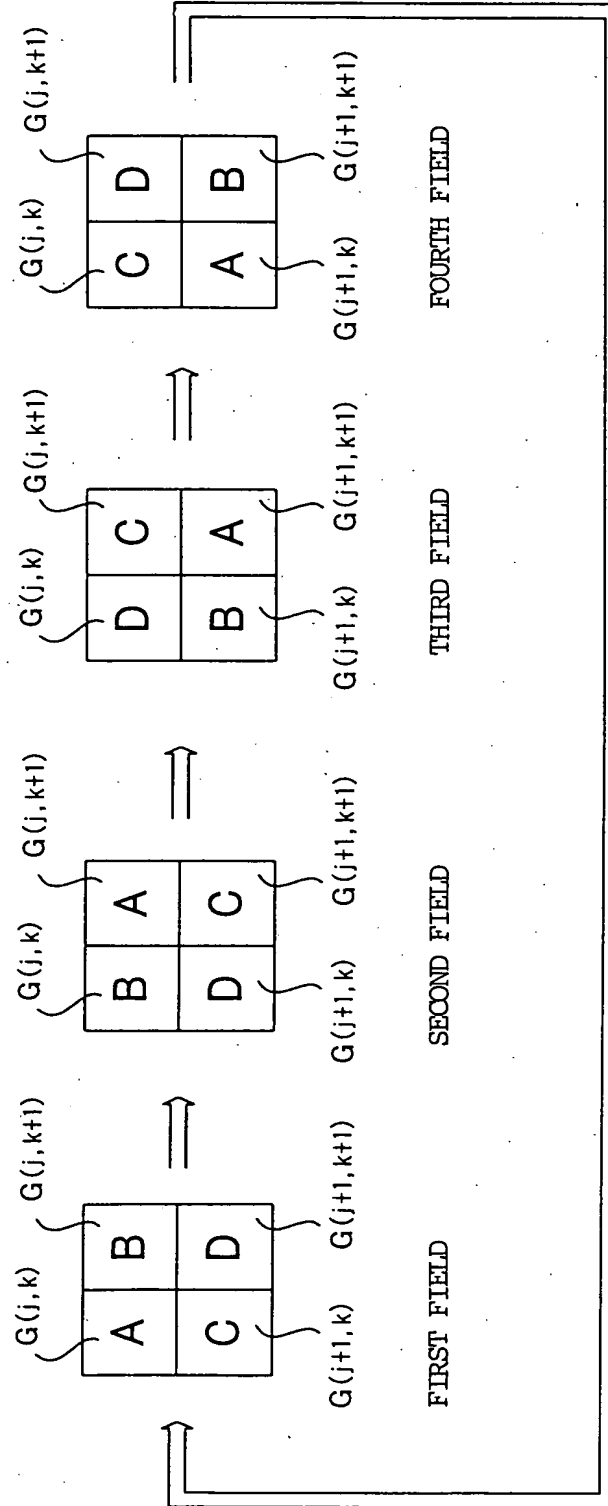


FIG. 13

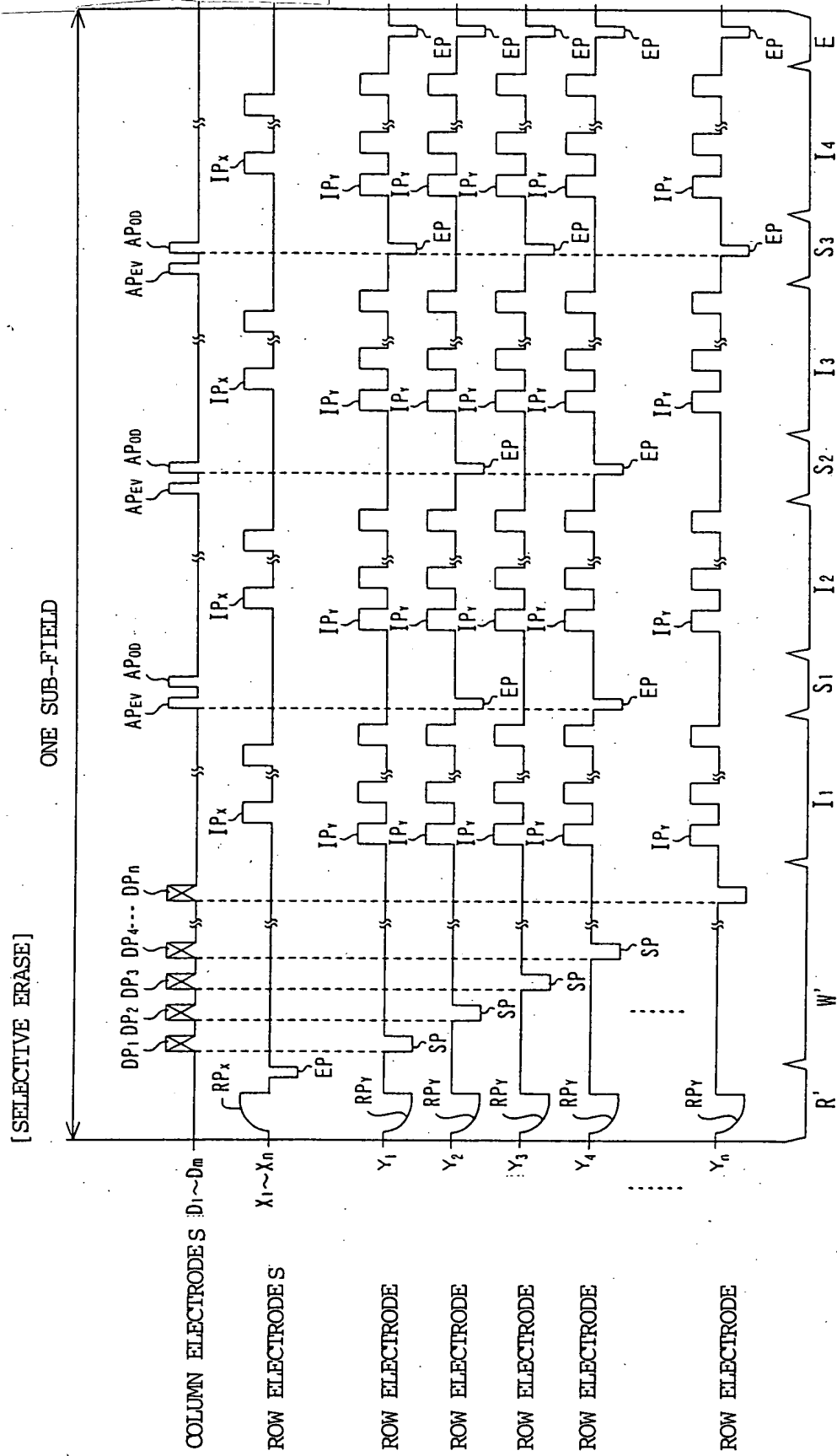


FIG. 14

HONDA et al.  
 DRIVING METHOD OF PLASMA DISPLAY  
 PANEL  
 Filed : June 19, 2001  
 Darryl Mexic  
 15 of 15

Q64974  
 202-293-7060

CONVERSION TABLE OF  
 SECOND DATA CONVERSION  
 CIRCUIT 34

LIGHT EMISSION  
 DRIVING PATTERN

[SELECTIVE WRITE]

GRADATION

	PDL	GD				SF SF SF SF				LUMINANCE			
		1	2	3	4	1	2	3	4	A	B	C	D
1	000	0	0	0	0					0	0	0	0
2	001	1	0	0	0	⊙				20	28	12	4
3	010	1	1	0	0	⊙	⊙			72	88	56	40
4	011	1	1	1	0	⊙	⊙	⊙		156	180	132	108
5	100	1	1	1	1	⊙	⊙	⊙	⊙	272		240	208

FIG. 15